

[54] **ELECTROPHORETIC DISPLAY DEVICE**

[75] Inventor: **Isao Ota**, Osaka, Japan

[73] Assignee: **Matsushita Electric Industrial Co. Ltd.**, Osaka, Japan

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Primary Examiner—Ronald L. Wibert

Assistant Examiner—V. P. McGraw

Attorney—E. F. Wenderoth, V. M. Creedon et al.

[57] **ABSTRACT**

An electrophoretic display device in which an electrophoretic suspension layer including a dispersion of at least one electrophoretic material in a finely divided powder form suspended in a suspending medium is interposed between a pair of electrodes, at least one of which is transparent. A colored layer of a desired pattern is provided at the transparent electrode. An electric field is imposed between the pair of electrodes so as to change the optical property such as reflective color or luminescent color of the suspension layer by changing the spatial distribution of the electrophoretic material in the suspending medium electrophoretically.

15 Claims, 12 Drawing Figures

